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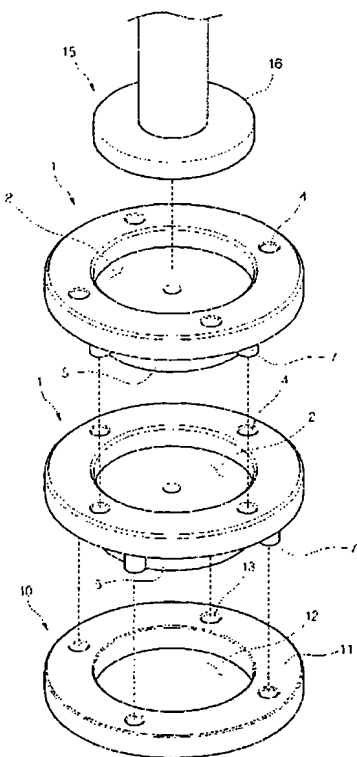
206-1803, Sandul-maeol, 1578-1610, Ilsan2-dong, Il-
san-gu, Goyang-si, Kyunggi-do SEOUL (KR). JUNG,
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Gaoumjung-dong, Changwon-si, Kyungsangnam-do
641-110 (KR). SONG, Hack-Jai [KR/KR]; 706-1952,
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(54) Title: HORIZON CONTROL STRUCTURE FOR WASHING MACHINE



(57) Abstract: A horizon control structure for a washing machine is provided. The structure includes: a stopper base having a base body having a predetermined diameter, a sleeve mount hollow depressed inside of the base body and having a predetermined diameter, at least one protrusion insertion through-hole being at a distance and provided inside of the base body, and a slip preventing part provided on a bottom surface of the base body; and a leg stopper layered on the stopper base, and having a stopper body having a predetermined diameter, an insertion sleeve extended from a rear surface of the stopper body and having a predetermined diameter and length, and an insertion protrusion protruded from a rear surface of the stopper body and having a predetermined length.

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